

Transmittal to Ralph Alter

ARPA Network Information Center
Stanford Research Institute
Menlo Park, California 94025

NIC 16125
7-MAY-73

TRANSMITTAL TO: Ralph Alter
Packet Communications Inc.
176 2nd Avenue
Waltham, Massachusetts 02154

FROM: Marcia Keeney
Station Agent

1

2

3

At your request I am sending a Resource Notebook Binder.

4

16125 Distribution
Station Agent,

Transmittal to Ralph Alter

(J16125) 25-MAY-73 14:10; Title: Author(s): Marcia Lynn Keeney/MLK;
Distribution: /SA; Sub-Collections: SRI-ARC; Clerk: LLL;
Origin: <LANE>NIC16125.NLS;3, 25-MAY-73 14:07 LLL ;

TRANSMITTAL TO: Jim Foley

TRANSMITTAL TO: Jim Foley
University of North Carolina
Computer Science Department
Chapel Hill, North Carolina 27514

FROM: Marcia Keeney (NIC)
Station Agent

1

At the request of James Michener, I am adding you to the Network
Graphics Group and am enclosing RFC 396 & 493.

1a

16126 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Peter Kirstein

TRANSMITTAL TO: Peter Kirstein
University of London
Institute of Computer Science
44 Gordon Square
London, W.C.1
ENGLAND

FROM: Marcia Keeney (NIC)
Station Agent

1

At the request of James Michener, I am adding you to the Network Graphics Group and am enclosing RFC 396 & 493.

1a

16127 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Bob O'Brien

TRANSMITTAL TO: Bob O'Brien
Cabledata Associates, Inc.
701 Welch Road
Palo Alto, California 94304

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending 4 INLS Quick Reference Cards (NIC 14796).

1a

An update to the section in NIC 7590, "Locator", is being printed now and should be in the mail by the end of this week. The "Journal" section is still being updated and I will send you a copy as soon as it is ready.

1b

We haven't been sending out the old text to these sections because they are quite out-of-date.

1c

16128 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Prof. R.L. Grimsdale

TRANSMITTAL TO: Prof. R.L. Grimsdale
The University of Sussex
School of Applied Sciences
Falmer, Brighton, BN1 9QF
ENGLAND

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am enclosing a copy of the INWG membership list.

1a

16129 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: William Glikbarg

TRANSMITTAL TO: William Glikbarg
Computer Science Teaching Laboratory
University of Washington
Seattle, Washington 98195

FROM: Marcia Keeney (NIC)
Station Agent

1

Enclosed is a copy of the latest revision to the Protocol Notebook (NIC 7104). I have put you on the list to receive any future updates.

1a

I suggest you write to BBN for a copy of Report No. 2161 as we don't have copies for distribution here.

1b

16130 Distribution
Station Agent,

1
1a

Transmittal to Paul Kazanjian

ARPA Network Information Center
Stanford Research Institute
Menlo Park, California 94025

NIC 16131
8-MAY-73

TRANSMITTAL TO: Paul Kazanjian
Advanced Research Projects Agency
1400 Wilson Boulevard
Arlington, Virginia 22209

FROM: Marcia Keeney
Station Agent

At your request I am sending 2 copies each of ARPANET NEWS, issues 1 and 2. Issue 3 has not yet come out.

1
2
3
4

16131 Distribution
Station Agent,

Transmittal to Paul Kazanjian

(J16131) 25-MAY-73 14:13; Title: Author(s): Marcia Lynn Keeney/MLK;
Distribution: /SA; Sub-Collections: SRI-ARC; Clerk: LLL;
Origin: <LANE>NIC16131.NLS;1, 8-MAY-73 12:53 LLL ;

Transmittal to Franklin Kuo

ARPA Network Information Center
Stanford Research Institute
Menlo Park, California 94025

NIC 16132
8-MAY-73

1

TRANSMITTAL TO: Franklin Kuo
University of Hawaii
Department of Electrical Engineering
2565 The Mall
Honolulu, Hawaii 96822

2

FROM: Marcia Keeney
Station Agent

3

At the request of Vint Cerf, your name has been added to the INWG mailing list.

4

Enclosed are all back issues of INWG Notes, excluding 1, 3, 7, 8, 9, and 11, which are out of date.

5

16132 Distribution
Station Agent,

Transmittal to Franklin Kuo

(J16132) 25-MAY-73 14:20; Title: Author(s): Marcia Lynn Keeney/MLK;
Distribution: /SA; Sub-Collections: SRI-ARC; Clerk: LLL;
Origin: <LANE>NIC16132.NLS;2, 10-MAY-73 12:21 LLL ;

TRANSMITTAL TO: Margaret Iwamoto

TRANSMITTAL TO: Margaret Iwamoto
University of Hawaii
THE ALOHA SYSTEM
2540 Dole Street
Honolulu, Hawaii 96822

FROM: Marcia Keeney (NIC)
Station Agent

At your request, I am sending NIC 8164 (RFC 282) and NIC 8271 (RFC 285).

MLK/kk

1

1a

1b

16135 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Janet W. Troxel

TRANSMITTAL TO: Janet W. Troxel
System Development Corporation
Information Processing Information Center
2500 Colorado Avenue
Santa Monica, California 90406

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending a copy of NIC 16117 which you may keep.

1a

MLK/kk

1b

16136 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Carl Hewitt

TRANSMITTAL TO: Carl Hewitt
Rm 813
545 Technology Square
Cambridge, Massachusetts 02139

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request I am sending NIC 7359. NIC 4984 is a large book which we do not distribute; if you wish you may contact the publisher, Carnegie--Mellon University in Pittsburgh, Pennsylvania.

1a

Also enclosed is your update to the NIC User's Guide, NIC 7590.

1b

MLK/kk

1c

16137 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Mohammed Arozullah

TRANSMITTAL TO: Mohammed Arozullah
Associate Professor
Department of Electrical and Computer Engineering
Clarkson College of Technology
Potsdam, New York 13676

FROM: Marcia Keeney (NIC)
Station Agent

1

The publications which you requested from us (NIC 5735 and NIC 7147) are available through the publisher, Bolt Beranek and Newman, Inc. Nancy Neigus, the Station Agent there, will be able to assist you.

1a

MLK/kk

1b

16138 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Dee Gill

TRANSMITTAL TO: Dee Gill
Stanford Research Institute
Systems Evaluation Department
SRI-Washington
1611 North Kent Street
Arlington, Virginia 22209

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending the following documents:

1a

NIC 8302 Graphics Protocol Level 0.
NIC 9348 Telnet Protocol.

1a1

MLK/kk

1b

16139 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: David Beveridge

TRANSMITTAL TO: David Beveridge
Hunter College
695 Park Ave.
New York, New York 10021

FROM: Marcia Keeney (NIC)
Station Agent

1

At the request of Steve Crocker, I am sending basic documentation on the ARPA Network. The Current Catalog of the NIC Collection (NIC 5145) is not available at this time to people who are not members of the Network. Should you wish to communicate further with Steve Crocker, his address is as follows:

1a

Steve Crocker
Advanced Research Projects Agency
1400 Wilson Blvd.
Arlington, Virginia 22209

1a1

MLK/kk

1b

16140 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Judy Otto

TRANSMITTAL TO: Judy Otto
Network Analysis Corporation
Beechwood, Old Tappan Road
Glen Cove, New York 11542

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending a copy of Packet Radio Note # 48 (NIC
16074).

1a

16147 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Jerry D. Burchfiel

TRANSMITTAL TO: Jerry D. Burchfiel
Bolt Beranek and Newman Inc.
50 Moulton Street
Cambridge, Massachusetts 02138

FROM: Marcia Keeney (NIC)
Station Agent

1

At the request of Jeanne North, I am sending you a copy of NIC 12982,
ARPA Network Implications.

1a

16149 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Connie D. Rosewall

TRANSMITTAL TO: Connie D. Rosewall
Computer Systems Laboratory
Univ. of California at Santa Barbara
Santa Barbara, California 93106

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending the following documents:

1a

- NIC 7958
- NIC 8246
- NIC 14689

1a1

16150 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Prof. George Davida

TRANSMITTAL TO: Prof. George Davida
Dept. of Electrical Engineering
University of Wisconsin
Milwaukee, Wisconsin 53201

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending the following documents:

1a

1a1

NIC 11290 ASS NOTE 8 ALOHA PACKET SYSTEM WITH AND WITHOUT SLOTS
AND CAPTURE

1a2

NIC 12735 ASS NOTE 26 EXCESS CAPACITY OF A SLOTTED ALOHA CHANNEL

1a3

NIC 12736 ASS NOTE 27 ANALYTIC RESULTS WITH THE ADDITION OF ONE
LARGE USER

1a4

NIC 13044 ASS NOTE 30 EXCESS CAPACITY OF A SLOTTED ALOHA CHANNEL
(Continued)

1a5

1a6

16152 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Gloria Jean Maxey

TRANSMITTAL TO: Gloria Jean Maxey
UCLA - Campus Computing Network
5628 Math Sciences Building
University of California at Los Angeles
Los Angeles, California 90024

FROM: Marcia Keeney (NIC)
Station Agent

1

At your request, I am sending a TIP User's Guide, NIC 10916.

1a

16153 Distribution
Station Agent,

1
1a

TRANSMITTAL TO: Michael L. Marrah

TRANSMITTAL TO: Michael L. Marrah
TYMSHARE, INC.
10261 Bubb Road
Cupertino, California 95014

FROM: Marcia Keeney (NIC)
Station Agent

1

Dear Mr. Marrah:

1a

We have received notice that your office is now an Associate on the ARPA Network. As such, you will be receiving documents on distribution from the Network Information Center (NIC).

1b

We are sending you a core collection of existing documents, including the following Functional Documents for which we will provide updates:

1c

NIC 5145	Current Catalog of the NIC Collection	1-DEC-72	
NIC 5150	Current Directory of Network Participants	29-JAN-73	
NIC 7590	Network Information Center User Guide	2-MAR-73	
NIC 6740	Network Resource Notebook	APR-73	
NIC 7104	Current Network Protocols	10-MAY-73	1c1

We are also sending you a number of documents which you may need as background (see list below).

1d

We will be glad to supply copies of particular documents indicated by a back arrow in the Catalog Listings, and will loan or direct you to sources of other documents in the Listings.

1e

Marcia Keeney, our Station Agent, accomplishes NIC distribution, and has now put you on distribution for all documents sent to Site Liaisons.

1f

c: S. Crocker (ARPA)

1g

encl:

1h

NIC 7542	1h1
NIC 7750	1h2
NIC 10507	1h3
NIC 11681	1h4
NIC 12324	1h5
NIC 11626	1h6
NIC 11768	1h7

MLK/kk

1i

16154 Distribution
Station Agent,

1
1a

Thanks for the documentation on NETBUGGER3; if you got several copies of my message, it's because SNDMSG queued it, and I tried several other ways to be sure you got it. Buz

1

16160 Distribution
Kampe, Mark A. ,

(J16160) 24-APR-73 19:49; Author(s): Owen, A. D. (Buz) /ADO;
Distribution: /MAK; Sub-Collections: NIC; Clerk: ADO;

minor observation in TNLS

When doing wrap-around, nls (and output processor) delete one blank between words, so that, hopefully, the first word on the new line is at the left margin (for that level). Unfortunately, if there are two or more blanks between words, the second (and the rest) are preserved, thereby destroying left-margin justification.

1

DHC 24-APR-73 22:11 16161

minor observation in TNLS

(J16161) 24-APR-73 22:11; Title: Author(s): Crocker, David H. /DHC;
Distribution: /BUGS BGS; Sub-Collections: NIC BUGS; Clerk: DHC;

Reply to my mail from you

HI. Finally read your note more carefully.

I think the idea of having RSexec-type interface (subsystem of rsexec) to an information system is perfect. Could start with INFO command in RSEXEC and define its appearance, so that non-Tenex types can interface.

The data-base would be mostly distributed, but with some minimal info held in the Rsexec, so that the Rsexec knows where to 'go' for the requested info.

Some simple command language, like the NIC's query system should be sufficient for a beginning. Natural language interface should be on some designated helping host, and would provide more complete service. A special system.

I am more concerned about User's Group. Interest seems to be generally low, the need is generally high. People do not seem to perceive this fact. Kudlick and Jake Feinler seem to want to deal only with the Resources Notebook. Very limited scope. At any rate, the goal of the group, first to define its goals, get some sort of official support (from arpa?) (more properly, official authorization) seems good idea. Servers involvement needed to work out protocols for user assistance, the maby not needed to determine user needs.

Peggy is heavy into school, Deutsch seems heavy into other things, Don't know about Hicks or Murray.

User feedback mechanism has good start with Gripe function. Needs to be a bit (not too much, really) more powerful.

DHC 25-APR-73 10:54 16162

Reply to my mail from you

(J16162) 25-APR-73 10:54; Title: Author(s): Crocker, David H. /DHC;
Distribution: /JI; Sub-Collections: NIC; Clerk: DHC;

IMNLS changes that should be

These two suggestions are courtesy of Mark Kampe:

1. Make the functioning of the "direction" buttons an option which is user settable (It would be option 'A', after option '0'). This would allow users to use the buttons, to control the cursor, instead of the bug. Also, please have UCLA's option begin enabled. Also, the option should not exclude use of the bug, while it is enabled.

2. Use the 'clear screen' instruction (or clear data area) as a button (page xmit?) on the board, under user control.

1

DHC 25-APR-73 13:17 16163

IMNLS changes that should be

(J16163) 25-APR-73 13:17; Title: Author(s): Crocker, David H. /DHC;
Distribution: /BUGS BGS NP; Sub-Collections: NIC BUGS NP; Clerk: DHC;

Acknowledgement of 16103 on DNLS Addressing

Yes, we are aware of the consideration you brought up. Concerning the expansion of DNLS addressing, we have documented many other features which should eventually be part of the general "address" concept. And, we get that the Imlac user, in particular, wishes to minimize display recreation.

1

16164 Distribution
Crocker, David H. ,

Acknowledgement of 16103 on DNLS Addressing

(J16164) 25-APR-73 09:15; Title: Author(s): Kaye, Diane S. /DSK;
Distribution: /dhc ; Sub-Collections: SRI-ARC; Clerk: DSK;

SMFS

Bill-- Have you done any more experimenting with SMFS? What has
to happen (on my part) to make SMFS a standard, TENEX subsystem?
--Jim

1

16165 Distribution

Plummer, William W. , Crocker, David H. ,

SMFS

(J16165) 25-APR-73 14:42; Title: Author(s): White, James E. (Jim)
/JEW; Distribution: /WWP DHC; Sub-Collections: SRI-ARC; Clerk: JEW;

Ident --> Mailbox Conversion

Bob-- Sorry it took me so long to respond to your query on ident--> mailbox conversion. The NIC agreed, at the mail meeting a while back, to spec and implement a server process to run at SRI-ARC that would respond to ident queries, the one you mention among them. We've done nothing concrete yet to fulfill that commitment, and are spending some time looking at that issue and the very-much related questions of Network Journal submission and delivery, and a multi-host journal. I hope to get some of the larger components of this whole area parceled out within ARC for implementation. I may be the one to code this thing. I can't really be more helpful at the moment, I think. --Jim

1

16166 Distribution
Clements, Robert C. ,

JEW 25-APR-73 15:14 16166

Ident --> Mailbox Conversion

(J16166) 25-APR-73 15:14; Title: Author(s): White, James E. (Jim)
/JEW; Distribution: /RCC; Sub-Collections: SRI-ARC; Clerk: JEW;

Disk Space and Initial File Problems

Jean-- Sorry I took so long in responding to your problem about disk space and your initial file.

1

I'm sending this reply to you through the Journal only because I looked at your initial file and found that you solved your problem yourself somehow and are now receiving mail again.

2

The things I see wrong in your scenario are:

3

Creating a second, temporary file is unnecessary; an 'Output File' (instead of an 'Update File') will recover for you all the pages there are to be had.

3a

'Copy' is safer than 'Assimilate', since the latter obeys viewspecs and might cause some of your file to get left behind in the transfer.

3b

I don't think the EXEC RENAME command will entirely get you back where you want to be. I believe that NLS store the filename somewhere internal to the file. That's the only thing I can think of that might cause you to stop getting Journal deliveries.

3c

As far as I can see, everything's OK now. Let me know if not.
--Jim

4

16167 Distribution
Iseli, Jean ,

Disk Space and Initial File Problems

(J16167) 25-APR-73 15:37; Title: Author(s): White, James E. (Jim)
/JEW; Distribution: /JI; Sub-Collections: SRI-ARC; Clerk: JEW;
Origin: <WHITE>JIMSG.NLS;2, 25-APR-73 15:35 JEW ;

Answering <Do you support mail?> Definitively

Bob-- I'm isolating the mail-related commands in FTP as sort of a subcommand space, entered from the top (i.e., from what's now FTP proper) with a command like 'MAIL <CRLF>', and exited with a command like 'QUIT <CRLF>' (looks like a subsystem, doesn't it). Seems to me that among other things this scheme forces a fairly definitive answer to the question 'Do you support mail at all?'. In fact, I'll include a reply code with the meaning 'I don't support mail at all'. Does this seem sufficient to satisfy your concerns? --Jim

1

16168 Distribution
Clements, Robert C. ,

JEW 25-APR-73 15:49 16168

Answering <Do you support mail?> Definitively

(J16168) 25-APR-73 15:49; Title: Author(s): White, James E. (Jim)
/JEW; Distribution: /RCC; Sub-Collections: SRI-ARC; Clerk: JEW;
Origin: <WHITE>RCCMSG.NLS;3, 25-APR-73 15:47 JEW ;

Bells on Socket One

Mike-- While we were running TENEX 1.29, a bell on socket 1 often was the result of a monitor bug, a bug which, to the best of my knowledge, is not present in TENEX 1.31.

1

I've seen no bell-problems within the last month that I could pin on the monitor.

2

There are legitimate instances of bell, one of which is an attempt to get the system's attention when it's not accepting users, like after a restart (I don't know for sure that this case is possible from the Net).

3

If you'll call me if you find yourself in this state again, I'll find out what your problem is. Can't do much after the fact, I'm afraid, without a lot more info. --Jim

4

16169 Distribution
Padlipsky, Michael A. ,

JEW 25-APR-73 16:04 16169

Bells on Socket One

(J16169) 25-APR-73 16:04; Title: Author(s): White, James E. (Jim)
/JEW; Distribution: /MAP; Sub-Collections: SRI-ARC; Clerk: JEW;
Origin: <WHITE>MAPMSG.NLS;2, 25-APR-73 16:04 JEW ;

Multics and FTP Mail

Jean -- I spent a few minutes experimenting with Multics and FTP. Here's what I learned (or believe).

1

The initial scenario for getting connected and logged in is:

2

```
ftp <CR> % Invoke the FTP subsystem %
conn <SP> multics <CR> % Establish Net connection to Multics
FTP server &
QUO <SP> USER <SP> NETML <CR> % 'quo' allows you talk
directly to the Multics server. Upper-case seems to be
important in this and the PASS command. %
QUO <SP> PASS <SP> NETML <CR> % USER and PASS get you logged
in. %
```

2a

I tried the FTP MAIL command (I'm working from RFC 454, NIC 14333), and Multics threw up its hands at the 'username' '>udd>cn>map>iseli', saying 'User name must be of the form "Person.Project"; >udd.cn.map.iseli is not a user name.'

3

[If you want to try it, i typed 'quo mail .udd.cn.map.iseli'.

3a

I think you need to get a 'Person.Project' from Mike to send mail to him.

3b

However, you may be able to copy a file to that branch by giving it as a pathname in the appropriate FTP command (I didn't try this.).

3c

There are two FTP-protocol commands for mail, MAIL and MLFL (see that RFC again). The FTP subsystem will let you send a file as mail with its MAIL command. You still need 'Person.Project' for Multics, however.

4

Try the HELP command in the FTP subsystem and use ALTMODE as to the EXEC. Hope I've gotten you started. Please come back with more questions if it will help. --Jim

5

16170 Distribution
Iseli, Jean ,

Multics and FTP Mail

(J16170) 25-APR-73 16:48; Title: Author(s): White, James E. (Jim)
/JEW; Distribution: /JI; Sub-Collections: SRI-ARC; Clerk: JEW;
Origin: <WHITE>OFJIMSG2.NLS;1, 25-APR-73 16:47 JEW ;

SU contract minutes

SU contract discussion

1

PURPOSE: To discuss progress of contract and begin to address proposal which is due in RADC by the 1 July 73

1a

ATTENDEES: Dick Ward, J McNamara

1b

DISCUSSION:

1c

Dick brought up fact of consultants FT should be reminded that D Nelson, s plans to have the 73 reviewed is going to require monies in excess of programmed.

1c1

He also suggested we consider holding a conference on the topic on a language for C&C.

1c2

We discussed the course he intends to teach in the fall .I agreed to push it around here as much as possible. He indicated a willigness to consult on the WWMCC, S related questions indicating that he does have a good bacground in GCOS

1c3

We also discussed the problem SU has in getting profs to come to the Rome ed center. It turns out their is a great differential between here and say IBM.16 to 7?

1c4

I brought up topic of Ray Liuzzi. He had to comments Bruce might be fine and he might also talk to Jeff Osmer who is getting his this June.

1c5

We als talked about how we can work the new proposals .We both agreed that this time the profs are on their own in the sense that either they sell one of our engineers or tough. We have given most of them enough time so that if they have not sold themss#lves too us by now that is it. Their is a going trend twards the associative processor. We agreed that it seemed to be a good thing so why fiht it.

1c6

UNRESOLVED ITEMS

1d

ACTION ITEMS

1e

Talk to ray

1e1

Talk to FT about the consultants

1e2

SU contract minutes

Remind Dick ward that we allways get their announcements
too late 1e3

Make a task write ups for this effort. 1e4

Push the course and respond to the surevey 1e5

COMMENTS: 1f

16171 Distribution
McNamara, John L. ,

SU contract minutes

(J16171) 25-APR-73 08:16; Title: Author(s): McNamara, John L. /JLM;
Distribution: /JLM; Sub-Collections: RADC; Clerk: JLM;

Alan --

I (finally) got your message about my passwords. It was a terrible thing I did, issuing documentation stating that their length was 8, when all along the code knew it was 6. Since you say you need 8, that it was it will be. The fix should be done in a few days.

Incidentally, the more complete documentation that I promised is due to be released also in just a few days.

If you have any further problems, please let me know. I get mail better at the NIC, or through the Journal (MCK), and my phone is (805) 961-3454.

Happy RJE-ing

-- Mark

Krilanovich

1

16172 Distribution
Hill, Alan R. ,

(J16172) 25-APR-73 10:46; Author(s): Krilanovich, Mark C. /MCK;
Distribution: /ARH; Sub-Collections: NIC; Clerk: MCK;
Origin: <UCSB>ARHANS.NLS;2, 25-APR-73 10:42 MCK ;

Peter Kirstein

Tom -- Peter Kirstein of the Universtiy of London (he's the Principal Investigator there is interested in becoming a member of the CBI group. Can you let me know whether or not you want to make him a member? Thanks. Marcia Keeney (MLK).

1

16173 Distribution
O'Sullivan, Thomas ,

Peter Kirstein

(J16173) 25-APR-73 14:58; Title: Author(s): Keeney, Marcia Lynn
/MLK; Distribution: /TO; Sub-Collections: SRI-ARC; Clerk: MLK;

Peter Kirstein

I had a request from Peter Kirstein of the University of London (he's the principal investigator) that he become a member of the FTPI Group. Can you let me know whether or not its all right to add him to the distribution list? Thanks. Marcia Keeney. (MLK)

1

16174 Distribution
Bhushan, Abhay K. ,

Peter Kirstein

(J16174) 25-APR-73 15:02; Title: Author(s): Keeney, Marcia Lynn
/MLK; Distribution: /AKB; Sub-Collections: SRI-ARC; Clerk: MLK;

Peter Kirstein

Peter Kirstein of the University of London (he's Principal Investigator there) requested that his name be added to the NGG distribution list. Can you let me know if this is all right?
Thank you. Marcia Keeney.

1

16175 Distribution
Michener, James C. ,

Peter Kirstein

(J16175) 25-APR-73 15:04; Title: Author(s): Keeney, Marcia Lynn
/MLK; Distribution: /JCM; Sub-Collections: SRI-ARC; Clerk: MLK;

Peter Kirstein

Peter Kirstein of the Universtiy of London (he's Principal Investigator there) requested that his name be added to the NMG distribution list. Can you let me know if this is all right?
Thank you. Marcia Keeney.

1

16176 Distribution
Naylor, William E. ,

Peter Kirstein

(J16176) 25-APR-73 15:08; Title: Author(s): Keeney, Marcia Lynn
/MLK; Distribution: /WEN; Sub-Collections: SRI-ARC; Clerk: MLK;

Peter Kirstein

Peter Kirstein of the University of London (he's Principal Investigator there) requested that his name be added to the RJE distribution list. Can you let me know if this is all right? Thank you. Oh by the way-- how is the revision to the Protocol Norebook coming -- are you the right one to ask about that?
Marcia Keeney.

1

16177 Distribution
Postel, Jonathan B. ,

Peter Kirstein

(J16177) 25-APR-73 15:11; Title: Author(s): Keeney, Marcia Lynn
/MLK; Distribution: /JBP; Sub-Collections: SRI-ARC; Clerk: MLK;

Peter Kirstein

Peter Kirstein requested of the Universtiy of London requested that his name be added to the Packet Radio distribution list. Can you let me know if this is feasible? Thanks. Marcia Keeney.

1

16178 Distribution
Kahn, Robert E. ,

Peter Kirstein

(J16178) 25-APR-73 15:14; Title: Author(s): Keeney, Marcia Lynn
/MLK; Distribution: /REK2; Sub-Collections: SRI-ARC; Clerk: MLK;

Peter Kirstein

Peter Kirstein of the University of London (he's Principal Investigator there) requested that his name be put on the TUG distribution list. Can you let me know if this is all right?
Thank you. Marcia Keeney.

1

16179 Distribution
Murphy, Dan L. ,

Peter Kirstein

(J16179) 25-APR-73 15:18; Title: Author(s): Keeney, Marcia Lynn
/MLK; Distribution: /DLM; Sub-Collections: SRI-ARC; Clerk: MLK;

Table of Contents: (user-progs,-contents,1:x)

JONATHON LIVINGSTON USER-PROGS

Bring out the glasses and pour the beer,
The User Programs Library is here

Our lascivious L10 programming factory
Has filled the new <USER-PROGS> directory.

Filled with programs that are so keen,
They will make you want to leap from your screen.

No matter who you may be connected to,
Just the program name will do.

For Goto Programs Get REL file
Will automatically give <USER-PROGS> a trial.

Simply jump your consciousness to this link (USER-PROGS,-CONTENTS,1:x)
To discover all but the kitchen sink.

And should you ever become confused,
This will keep you from being abused. (USER-PROGS,-USERGUIDE,1:w)

So for any sort of help at all,
Call Dean Meyer; he's on the ball.

And if he can't find a program for you there,
He'll get one written, as quick as a hare.

Now if you have one to which we're not wise,
We'd be more than anxious to plagiarize.

So look at the list and try 'em all,
And always feel free to give Dean a call.

Dean Meyer
ext 4908

(J16180) 24-APR-73 20:36; Title: Author(s): Meyer, N. Dean /NDM;
Distribution: /SRI-ARC; Sub-Collections: SRI-ARC; Clerk: NDM;
Origin: <USER-PROGS>-ANNOUNCEMENT.NLS;1, 24-APR-73 20:29 NDM ;

JOURNAL TEST.

THIS IS A TEST TO SUE POH. 4-26-73, 0915.

1

16181 Distribution
Poh, Susan S. ,

JOURNAL TEST.

(J16181) 26-APR-73 06:17; Title: Author(s): Silberski, Robert /RS2;
Distribution: /SSP; Sub-Collections: NIC; Clerk: RS2;

About ARC

Stanford Research Institute
Augmentation Research Center
333 Ravenswood Avenue
Menlo Park, California 94025

Dr. Joel Richman
Chief of Evaluation
Psychological Research Center
250 Machinery Hall
Syracuse University
Syracuse, New York 13210

Dear Joel:

Here is some material about the Augmentation Research Center at SRI as you recently requested.

1

We are now providing service to local ARC users in addition to users of the ARPA Computer Network. We are about to set up another PDP-10 operated by a commercial utility company to further expand our user community--as part of our overall experiment.

2

This service is almost all sold at this time. One of the user groups will be a group at the Rome Air Development Center, Rome, New York. I'm not sure how you heard of us, but suspect that it may be through Jim Bair at RADC?

3

Jim is giving a paper in Montreal today that gives a summary of the RADC experience using our system at RADC. Perhaps he would give you a copy of his work. The other material I am sending should give you a good idea (I hope) of what we are doing--from our viewpoint.

4

We are charging our first user organizations on an annual basis, but have figured the cost of early experimental use at about \$10 per connect hour for the typewriter version (TNLS) of the system. The display version (DNLS) is, of course, far more powerful, moves faster, has more commands, etc. It costs about \$20 per hour at a terminal for the user with average user sophistication. Just reading about such a system makes it difficult to really get the feeling for the system. If you were ever at RADC, you could see both the typewriter and the display versions in action.

5

About ARC

Thanks for your interest. I hope we meet--perhaps sometime when I'm visiting RADC and come through Syracuse. I'd be interested in what kind of things you are involved with.

6

Sincerely,

James C. Norton
Augmentation Research Center

JCN/jcn

16182 Distribution

Bair, James H. , Stone, Duane L. ,

About ARC

(J16182) 26-APR-73 16:50; Title: Author(s): Norton, James C. /JCN;
Distribution: /JHB(know him?) DLS; Sub-Collections: SRI-ARC; Clerk: JCN;
Origin: <NORTON>RICHMAN.NLS;2, 26-APR-73 13:26 LLL ;
<NORTON>RICHMAN.NLS;1, 26-APR-73 10:08 JCN ;

16183

*** DRAFT *** MEH 27 APR 73 4:14AM NUMBER
SERVICE, HARDWARE SERVICE MANUAL E

(SER) SRI-ARC-CSO hardware service; MANUAL E ,
on-line location: (DOCUMENTATION,service,)
- DEVICE CATALOG containing: service contact, manufacturers name, and
maintenance contract information.

1

(DEC) PDP-10 SYSTEM

1a

(man) manufacturer;
Digital Equipment Corporation
sales rep:
Ward Davidson
964-6200, ext. 277

1a1

(Rep) Service representative;
Digital Equipment Corp
Mgr. Bill Townsend
Ser. Dick Fiddler, Dave Pirtle
964-6200, ext. 282 (work)
657-9389 (Fiddler home)

1a2

(con) Service Contract;
Yes
(PO B13477, expires February 1974)
ARC System #10-167
Coverage:
10PM Sunday to 5PM Friday
8AM to 5PM Saturday and Sunday
Normal PM takes place Wed and Thur nights 10pm to 3am
in the morning
16 hour/day for 5 day week (10PM to 5PM with 1 hour lunch)
8 hour/day Saturday and Sunday

1a3

Listing of Items Covered

1a3a

KA10 Processor
PAGER Mod
KT10A Magtape Control
TM10A Magtape Transport
TU30B Dectape Control
TD10 Dectape Transport
TU55 Data Line Scanner
DC10B 8-Line Group
MA10 Memory
ME10 Memory Access Port
MC10 Disk Pack Drive
PRO2 Data Channel
DF10 Data Channel
RP10 Disk Pack Control
BBEN Pager

1a3b
1a3c
1a3d
1a3e
1a3f
1a3g
1a3h
1a3i
1a3j
1a3k
1a3l
1a3m
1a3n
1a3o
1a3p

(TASK) TASKER

1b

(MAN) MANUFACTURER:

Tasker Industries

1b1

(rep) service rep:

Tasker Industries

(213)341-3010 ext.397

Dee McIlroy

Dave Thompson

1b2

(CON) Service Contract:

No

1b3

(NOV) NOVA 1220

1c

(MAN) manufacturer: Data General

1c1

(REP) Service Rep:

Data General
Brian Johnson
965-1010

1c2

(CON) Service Contract:

No
None wanted (\$56/mo)
\$75 minimum per call.

1c3

(IML) IMLAC

1d

(MAN) manufacturer:

IMLAC Corp.
Hiram French
(617)449-4600

1d1

(REP) SERVICE Rep:

Cybernex
Bob Simmons
(work) 328-8470
(home) 341-9063

1d2

(CON) Service Contract:

Yes
PO B94447, expires July 1973.
\$11/hour and 12 cents a mile not to exceed \$500 per request

1d3

(LP) LINE PRINTER	1e
(MAN) manufacturer: Data Products	1e1
(SAL) Sales Contact: Mr Haig Ermoian	1e2
(REP) Service Rep: Data Products Rich Snider, Arlington Glaze, William Bender (9) 941-3933	1e3
(CON) Service Contract: Yes PO B55766, expires 8-7-73 24 hour/day coverage Monday thru Friday. Weekend service through answering servivec(9) 941-3933. cost = \$24/hour	1e4

(XCO) XCORE	1f
(MAN) manufacturer: Ampex	1f1
(REP) Service Rep: Ampex Bob Trick, (9) 367-3861 Helen for merchandize return Authorization number for bad cards, (9) 367-3861	1f2
(CON) Service Contract: No Return bad cards with debit memo (through Purchasing) return authorization (through Ampex Sales)	1f3

(IMP) IMP	1g
(MAN) manufacturer: Bolt Beranek and Newman Inc.	1g1
(REP) Service Rep: Honeywell, Inc Glen Spee (15)732-0120, ext. 13	1g2
(CON) Service Contract: All IMP repairs are arranged through Network Control Center at BBN, Marty Thrope or Joel Levin (617) 661-0100 Honeywell does normal PM and corrective maintenance between 8:30 and 5:00. After hours maintenance is billable to BBN. Service is available five days a week. BBN also takes care of repair of phone lines for the IMP. PM is regularly scheduled for the first Wednesday of each month.	1g3

(TI) TEXAS INSTRUMENTS	1h
(MAN) manufacturer: TEXAS INSTRUMENTS John Stewart 732-1840	1h1
(REP1) Service rep; owned: Texas Instruments	1h2
(REP2) Service Rep; leased: World Comm, 967-8384	1h3
(CON) Service Contract: for leased items Yes PO B56808, expires November 1, 1973. 8-5 Monday thru Friday. \$20/month per terminal.	1h4

(TTY) TELETYPES	11
(MAN) manufacturer: Teletype Corporation	111
(REP1) Service Rep: Dedmon Industries for the 33's Jimmy Stewart, 964-3656 For contact, call Dagmar, X2421	112
(REP2) Service Rep: Data Comm for the 37 Jesse Gonzales, (415) 837-6393	113
(CON1) Service Contract: for 33's Yes Release thru Purchasing 8-5 Monday thru Friday.	114
(CON2) Service Contract: for 37 No Just call Jesse and he'll come. In the meantime type up a PO.	115

(EXEC) EXECUPORT	1J
(MAN) manufacturer: Computer Tranceivers Inc.	1J1
(REP) Service Rep: William J. Purdy Company Lee Caruso or Don Townsend (14)347-7701 ext.68	1J2
(CON) Service Contract: No None wanted (\$20/mo for each machine) office hours are 8:30 to 5, Monday thru Friday. \$30/hr plus parts and material costs	1J3

(MOU) MOUSE	1k
(MAN) manufacturer: Computer Displays Inc.	1k1
(REP) Service Rep.: manufacturer	1k2
(CON) Service Contract: No	1k3

(TERM) TERMICETTES	11
(MAN) manufacturer: International Computer Products, Inc.	111
(REP) Service Rep: Data/Serve Division of William J. Purdy Co. Don Townsend (14) 342-0877	112
(CON) Service Contract: Yes (PO B55739, expires 4-8-73) Leased from Data Serv lease covers repairs. We can call between 8:30 and 5:00 Monday through Friday.	113

(DS) DATA SETS

1m

(MAN) manufacturer:

Pacific Telephone

1m1

(REP) Service Rep:

Pacific Telephone

Call Kathy Olson, X2200, for service

Frank Will, X3577; SRI Communications Office

John King, X4442; Telephone Company Rep with SRI Local extension.

Pacific Telephone Repair for after hours and weekends, (9) 611

1m2

(COM) comments:

For emergency calls on the voice lines or data sets, call this
number (unlisted) at the telephone company: (24 hour service):

325-6705 or 6

1m3

(TVM) TV MCNITORS	1n
(MAN) manufacturer1: Hewlett-Packard	1n1
(MAN1) manufacturer2: Ball Bros	1n2
(MAN2) manufacturer3: Conrac	1n3
(CON) Service Contract: No	1n4
(COM) Comments: For Conrac picture tube replacement use: RCA #17-HP4-C straight gun	1n5

(ANS) answering service
see (14597,)

10

(HELP) Help	1p
CONTENTS: (SER)	1p1
(LOC) Location see directory manual (documentation,sri-arc-cso,loc:gw)	1p2
(EDIT) editing see directory manual (documentation,sri-arc-cso,edit:gdbb)	1p3

*** DRAFT *** MEH 27 APR 73 4:14AM NUMBER
SERVICE, HARDWARE SERVICE MANUAL E

(J16183) 26-APR-73 15:21; Title: Author(s): Hardy, Martin E. /MEH;
Sub-Collections: SRI-ARC; Clerk: KFB;
Origin: <DOCUMENTATION>SERVICE.NLS;3, 26-APR-73 15:11 KFB ;